XM-3520

SERVICE MANUAL

US Model
Canadian Model
AEP Model
E Model

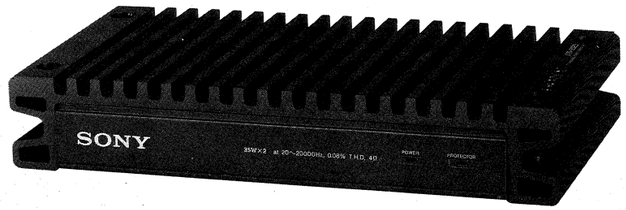


PHOTO : US Model

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION 35 watts per channel minimum continuous average power into 4 ohms, both channels driven from 20–20,000 Hz with no more than 0.08% total harmonic distortion per Car Stereo Ad Hoc Committee standards.

Other specifications

Power supply system
Pulse power supply circuitry
Input — Car stereo input (phono jack)
Outputs — Speaker outputs
Speaker impedance
2–8 ohms
Maximum power output
65 watts per channel minimum RMS at 4 ohms
140 watts (monaural) at 4 ohms
Frequency response
8 Hz–100 kHz $^{+0}_{-3}$ dB
Harmonic distortion
0.005%

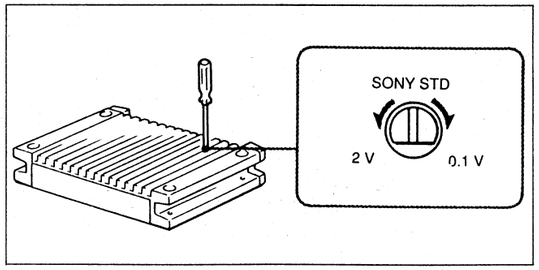
Input level adjustment range
0.1–2 V
Power requirements
12 V DC car battery (negative ground)
Current drain — 13 A (at rated output)
Input remote current
4 mA
Dimensions — Approx. 260 × 45 × 130 mm (w/h/d) (10 1/4 × 1 13/16 × 5 1/8 inches)
Weight — Approx. 1.8 kg (3 lb. 15 oz.)
Accessories supplied
Mounting screws (4)

Design and specifications subject to change without notice.

MICROFILM

Level Adjustment Control

The input level can be varied with this control. Use it to adjust the input sound level when using source equipment of other manufacturers. Be sure to set the control to SONY STD if the unit is connected to a SONY car stereo. Turn it to 0.1 V when the input level of the cassette car stereo or CD player seems low.



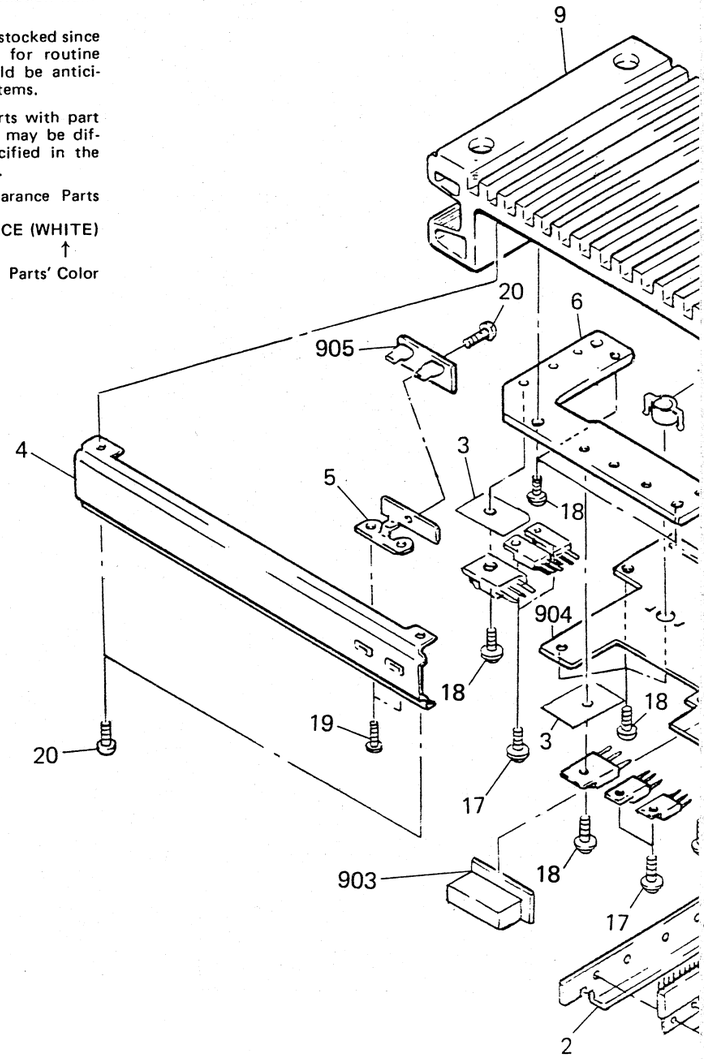
STEREO POWER AMP

SONY®

EXPLODED VIEW

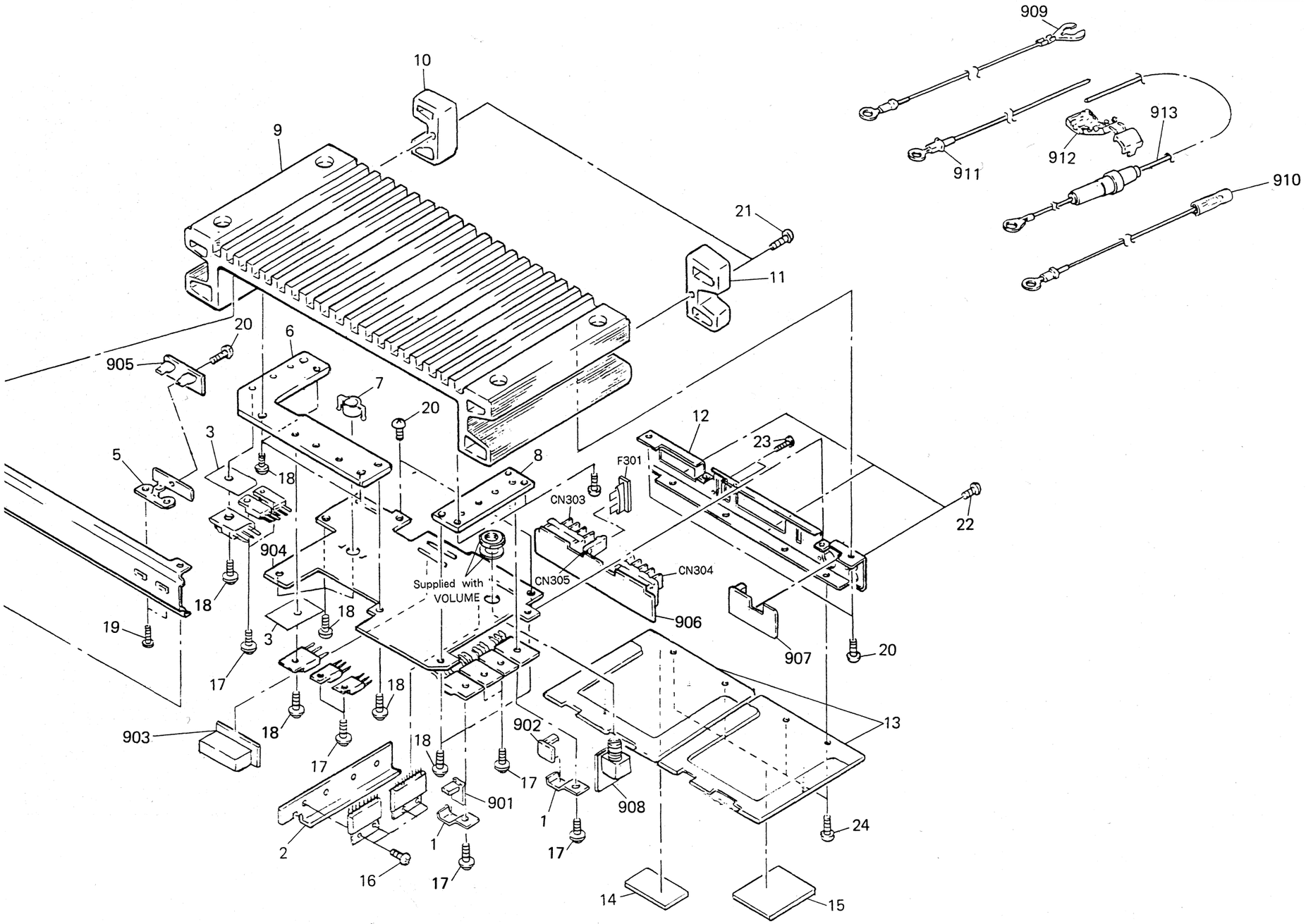
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ Cabinet's Color ↑ Parts' Color



16

No.	Part No.	Description	Remarks
1	*3-396-106-01	BRACKET (TR)	
2	*3-396-105-01	HEAT SINK (SUB C)	
3	4-857-833-00	INSULATOR, 03P	
4	3-395-833-01	(US,Canadian)...PANEL (FRONT)	
	3-395-833-11	**(E, AEP)**.....PANEL (FRONT)	
5	*3-395-827-01	BRACKET (LED)	
6	*3-395-837-01	HEAT SINK (SUB A)	
7	*3-395-832-01	SPACER	
8	*3-395-838-01	HEAT SINK (SUB B)	
9	*3-395-830-01	HEAT SINK	
10	*3-395-828-01	PROTECTOR (LEFT)	
11	*3-395-829-01	PROTECTOR (RIGHT)	
12	*3-395-835-01	PANEL (B)	
13	*3-395-831-01	COVER (BOTTOM)	
14	*3-395-802-01	**(US, E, AEP)**...LABEL,	
	*3-395-803-01	(Canadian).....LABEL,	
15	*3-395-897-01	LABEL (INDICATION)	
16	7-685-646-79	SCREW +BTP 3X8 TYPE2	
17	7-628-254-20	+PSW, 2.6X8	
18	7-628-254-30	+PSW, 2.6X10	



Remarks	No.	Part No.	Description
	10	*3-395-828-01	PROTECTOR (LEFT)
	11	*3-395-829-01	PROTECTOR (RIGHT)
	12	*3-395-835-01	PANEL (B)
	13	*3-395-831-01	COVER (BOTTOM)
	14	*3-395-802-01	(US, E, AEP)...LABEL, MODEL NUMBER
		*3-395-803-01	(Canadian).....LABEL, MODEL NUMBER
	15	*3-395-897-01	LABEL (INDICATION)
	16	7-685-646-79	SCREW +BTP 3X8 TYPE2 N-S
	17	7-628-254-20	+PSW, 2.6X8
	18	7-628-254-30	+PSW, 2.6X10

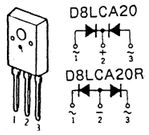
Remarks	No.	Part No.	Description
	19	7-627-450-78	SCREW, PRECISION +K 1.7X4
	20	7-685-133-19	SCREW +BTP 2.6X6 TYPE2 N-S
	21	7-685-550-19	SCREW +BTP 3X16 TYPE2 N-S
	22	7-682-546-09	SCREW +B 3X5
	23	7-685-104-19	SCREW +P 2X6 TYPE2 SLIT
	24	7-621-559-30	SCREW +K 2.6X5
	901	*1-632-737-11	PC BOARD, TR1
	902	1-632-737-11	PC BOARD, TR2
	903	*1-632-736-11	PC BOARD, RELAY
	904	*A-3216-973-A	PC BOARD ASSY, MAIN
	905	*1-632-739-11	PC BOARD, LED
	906	*1-632-733-11	PC BOARD, OUTPUT

Remarks	No.	Part No.	Description
	907	*1-632-734-11	PC BOARD, INPUT
	908	*1-632-735-11	PC BOARD, VOLUME
	909	*1-575-056-11	(E, AEP)...CORD (WITH TERMINAL)(GND)
	910	*1-575-090-11	(E, AEP)...CORD (WITH TERMINAL)(REMOTE)
	911	*1-575-055-11	(E, AEP)...CORD (WITH TERMINAL)(BUCK UP)
	912	1-562-594-11	(E, AEP)...CONNECTOR (CL-1814T)
	913	*1-557-656-11	(E, AEP)...CORD (WITH TERMINAL)
	CN303	1-537-251-11	TERMINAL BOARD (3P)
	CN304	1-537-252-11	TERMINAL BOARD (4P)(SPEAKER OUT)
	CN305	1-533-226-11	HOLDER, FUSE (BRAID)
	F301	1-532-982-11	FUSE (BRADE TYPE) (AUTO FUSE)(15A)

Semiconductors Lead Layout

RN2402
2SA1162-YG
2SC2712-YG

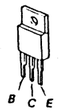
D8LCA20
D8LCA20R



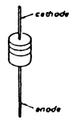
2SA1358-Y

GL8PG24
SLP151B-60

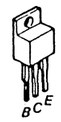
2SC3852



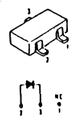
RD15ESB3
RD16ESB3
RD22ESB1
RD6.2ESB1
RD7.5ESB1
RD8.2ESB3



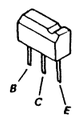
2SA1670-Y
2SC4385-Y



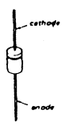
1SS184



2SA874

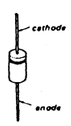


10E2

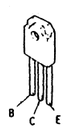


2SC945-P

30D4



2SD1065-S



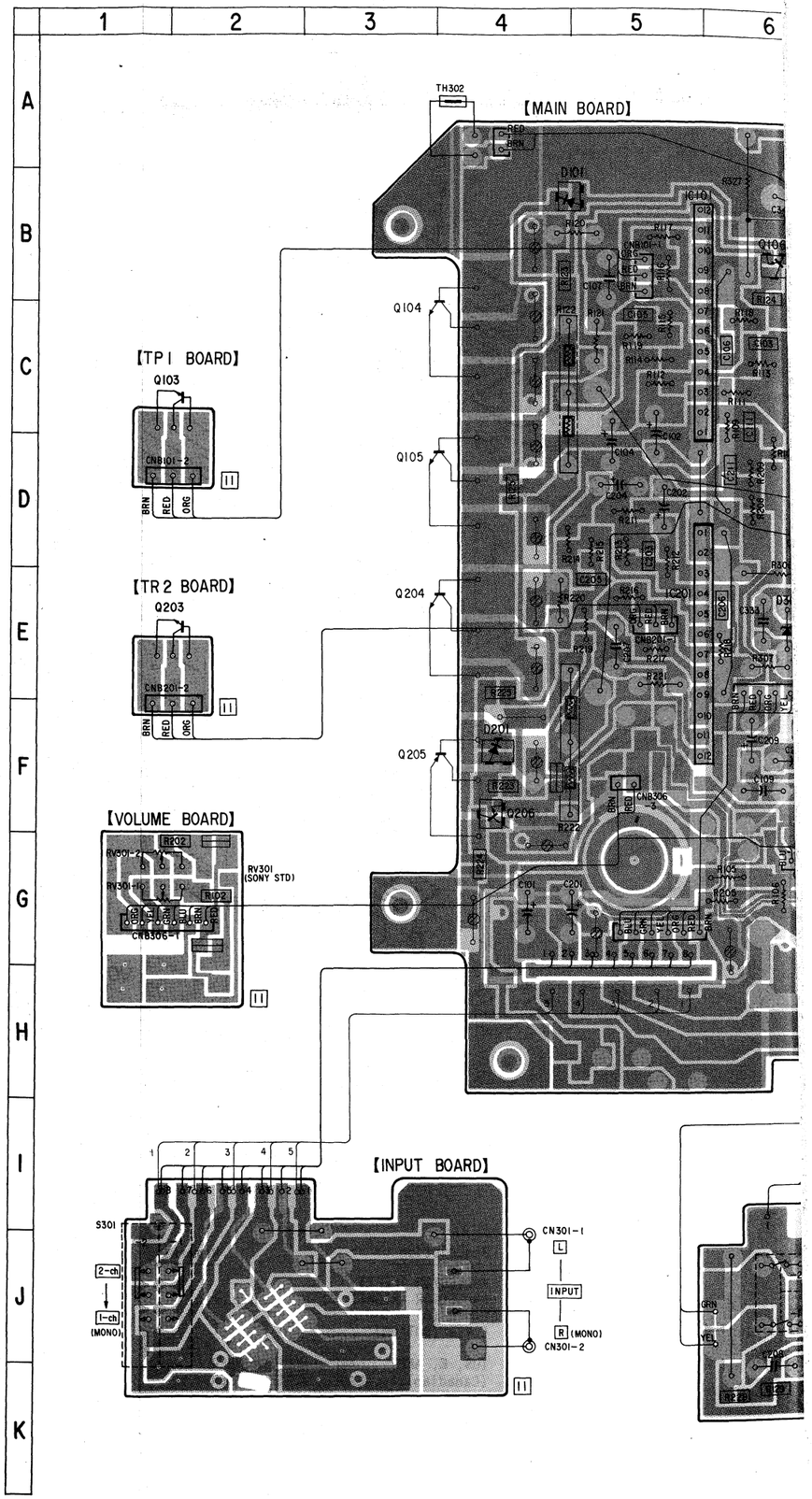
• SEMICONDUCTOR LOCATION

Ref. No.	Location
IC101	B-5
IC201	E-5
IC301	F-7
IC302	F-9
IC303	C-9
IC304	F-8
Q103	C-1
Q104	C-4
Q105	D-4
Q106	B-6
Q203	E-1
Q204	E-4
Q205	F-4
Q206	F-4
Q303	B-6
Q304	F-8
Q305	G-9
Q306	G-10
Q309	H-11
Q310	E-10
Q311	D-10
Q312	D-10
Q313	C-8
Q314	C-8
Q315	D-8
Q316	D-8
Q317	D-13
Q318	E-13
Q319	C-13
Q320	C-12
D101	B-4
D201	F-4
D303	E-7
D304	E-6
D305	E-10
D306	J-8
D307	G-9
D308	F-9
D309	F-17
D310	F-15
D313	F-12
D314	G-10
D315	E-10
D316	E-8
D317	C-11
D318	C-10

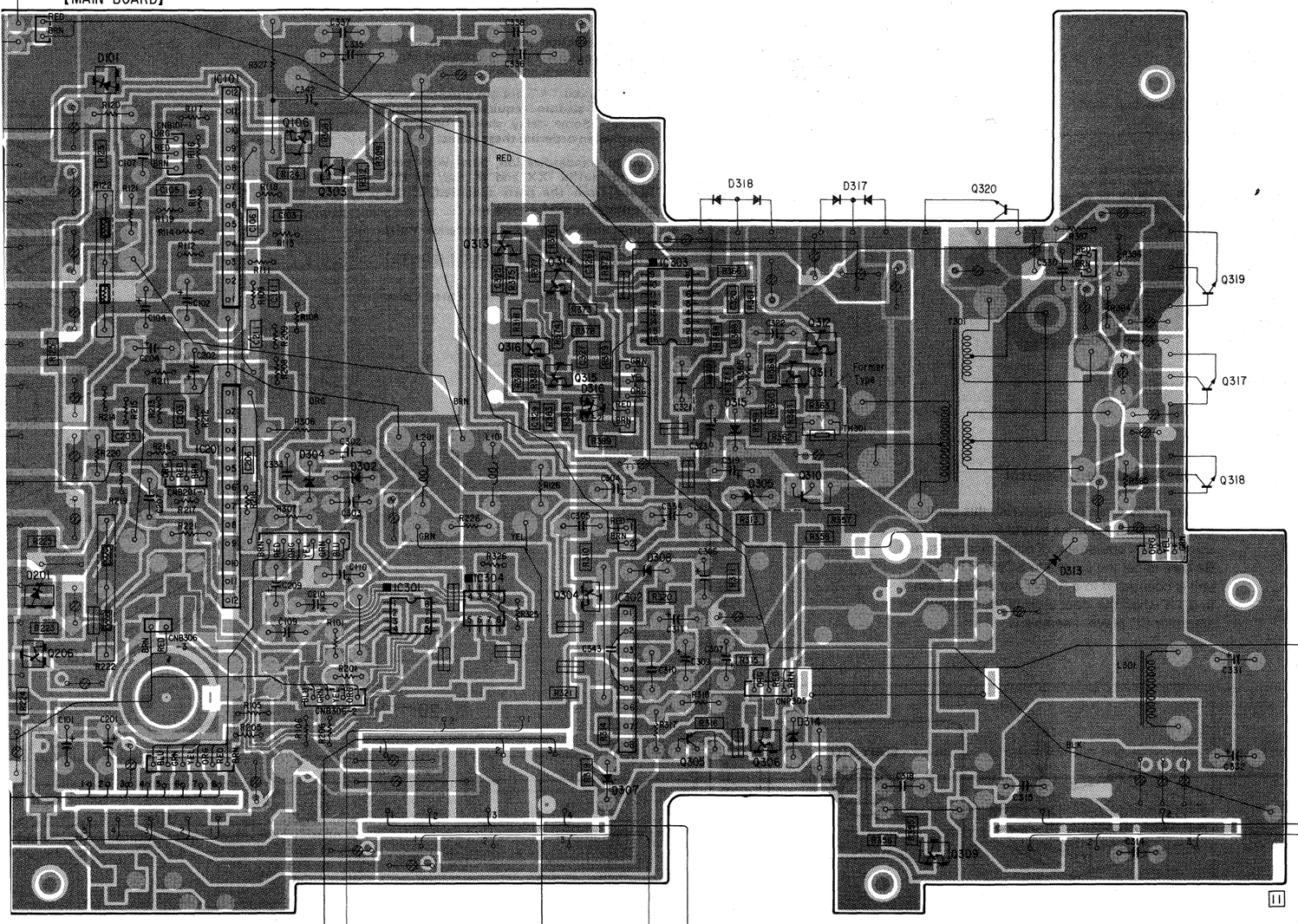
Note :

- ○— : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- ▒ : Pattern on the side which is seen.
- ▒ : Pattern of the rear side.
- □ : Chip components extracted from the rear side.
- ▨ : Solder (Component side)

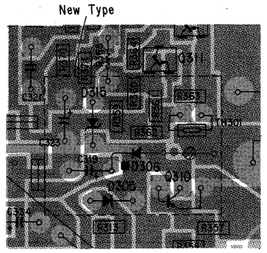
PRINTED WIRING BOARD



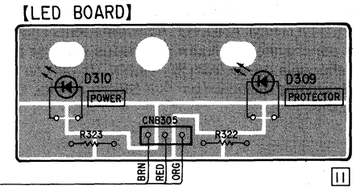
【MAIN BOARD】



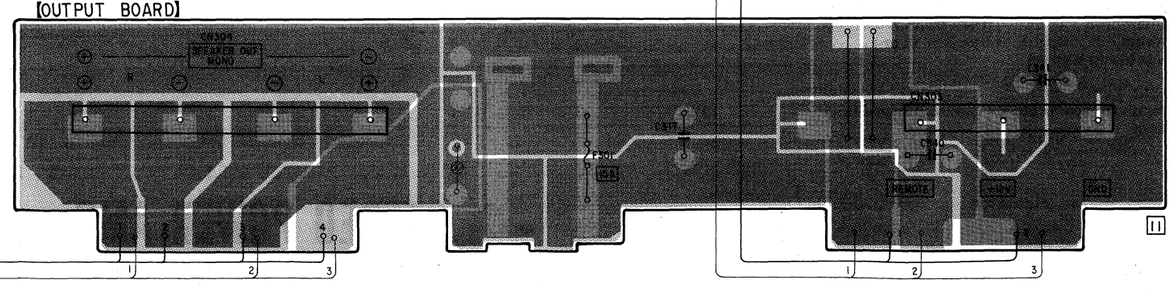
New Type



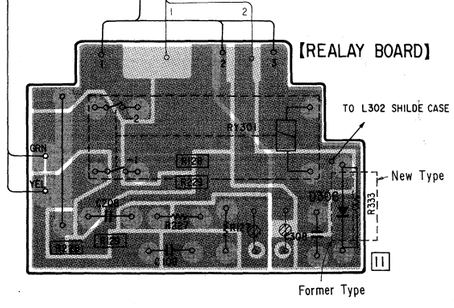
【LED BOARD】



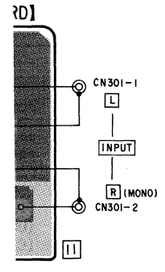
【OUTPUT BOARD】



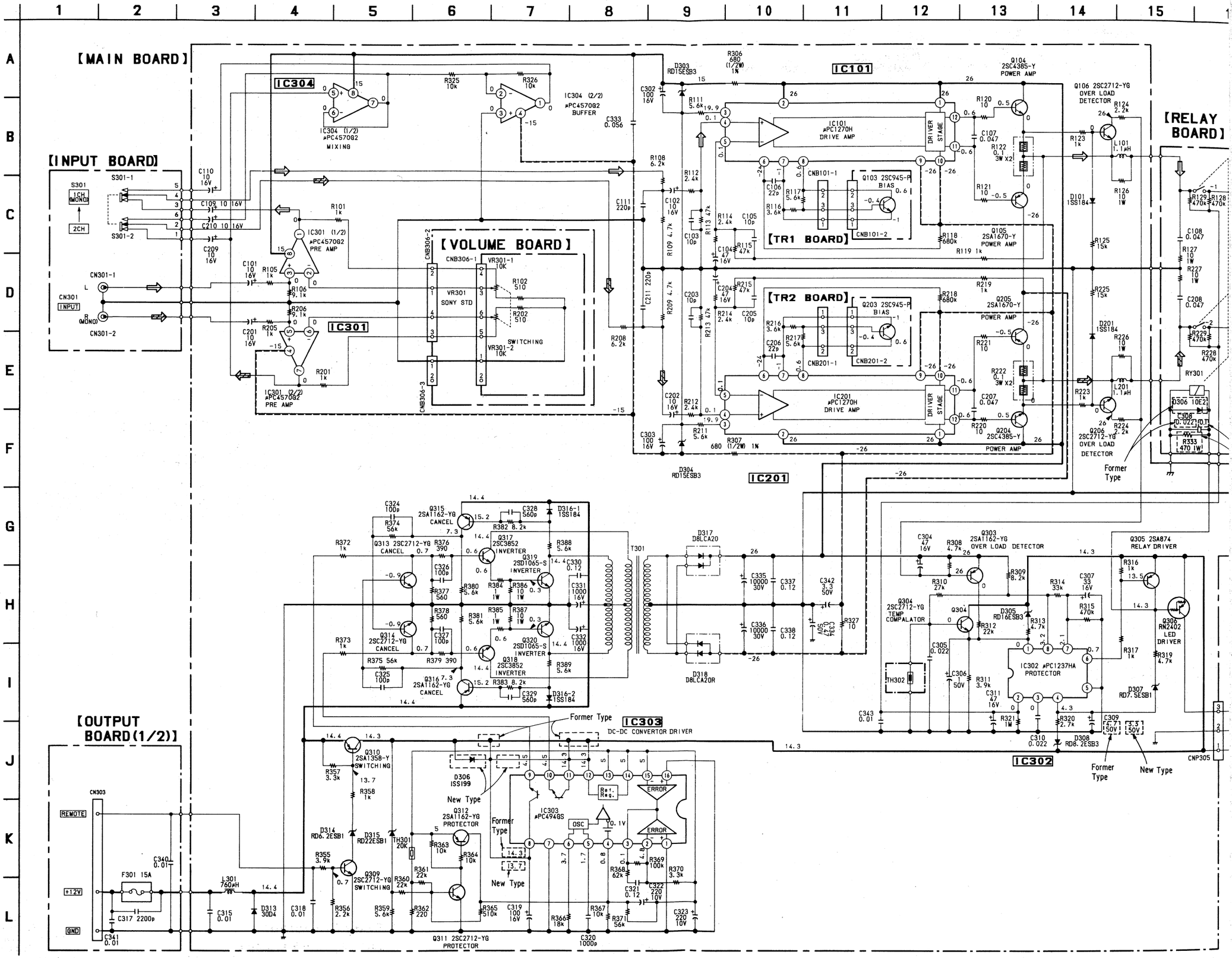
【REALAY BOARD】

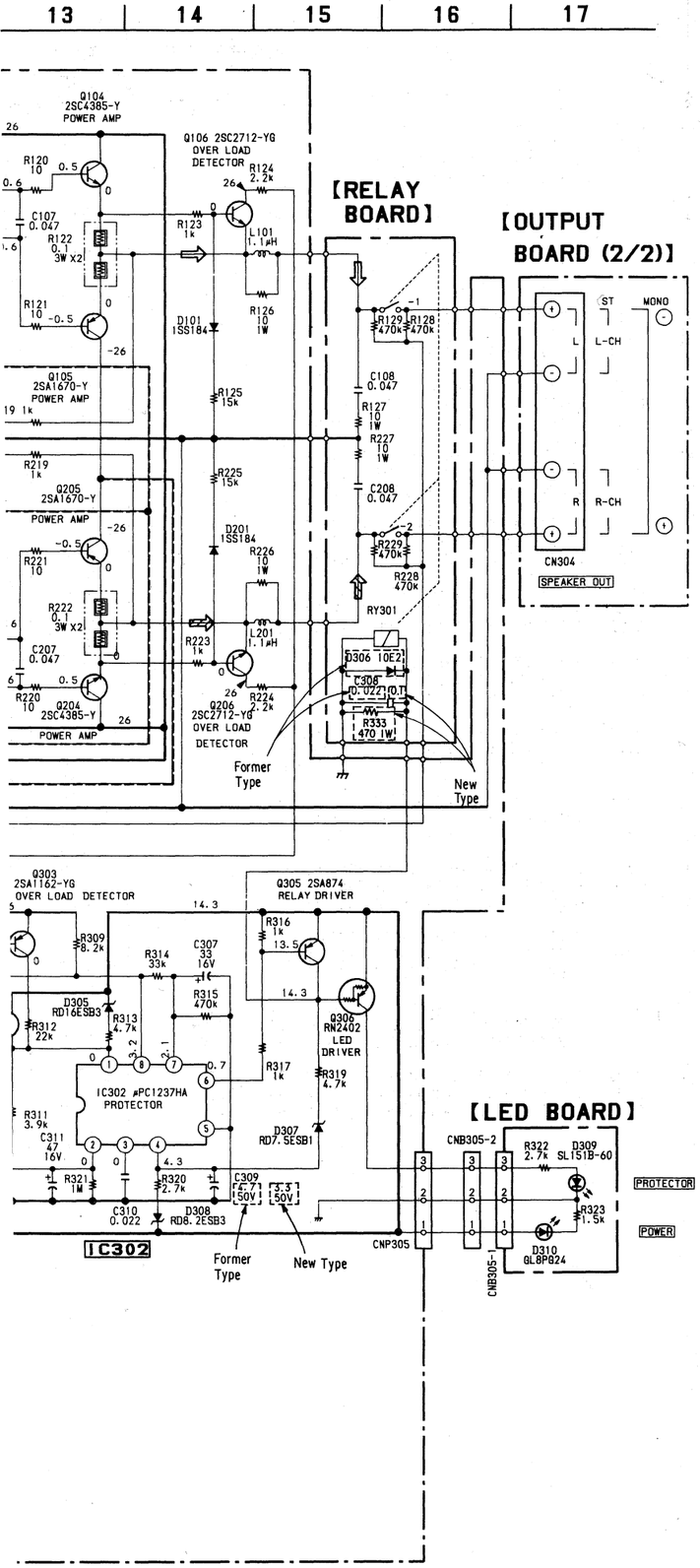


【RD】



SCHEMATIC DIAGRAM

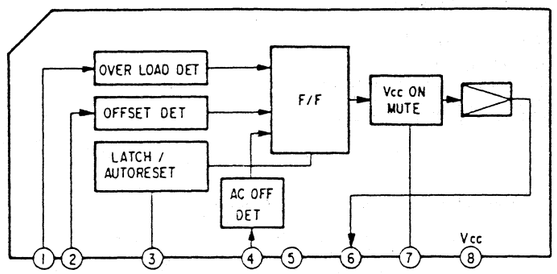




IC BLOCK DIAGRAM

IC302

μPC1237HA



Note :

- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- % : indicates tolerance.
- ⊣NW⊢ : nonflammable resistor.
- ▬▬ : B+ Line
- ▬ ▬ ▬ : B− Line
- Power voltage is dc 14.4V and fed with regulated dc power supply from external power voltage jack.
- no mark : STEREO
- Voltages are taken with a VOM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  - ⇨ : L−CH
  - ⇨ : R−CH (MONO)

ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

Ref.No.	Part No.	Description			
901	*1-632-737-11	PC BOARD, TR1			
902	1-632-737-11	PC BOARD, TR2			
903	*1-632-736-11	PC BOARD, RELAY			
904	*A-3216-973-A	PC BOARD ASSY, MAIN			
905	*1-632-739-11	PC BOARD, LED			
906	*1-632-733-11	PC BOARD, OUTPUT			
907	*1-632-734-11	PC BOARD, INPUT			
908	*1-632-735-11	PC BOARD, VOLUME			
909	*1-575-056-11	(E,AEP)..CORD (WITH TERMINAL)(GND)			
910	*1-575-090-11	(E,AEP)..CORD (WITH TERMINAL)(REMOTE)			
911	*1-575-055-11	(E,AEP)..CORD (WITH TERMINAL)(BUCK UP)			
912	1-562-594-11	(E,AEP)..CONNECTOR (CL-1814T)			
913	*1-557-656-11	(E,AEP)..CORD (WITH TERMINAL)			
C101	1-126-157-11	ELECT	10MF	20%	16V
C102	1-126-157-11	ELECT	10MF	20%	16V
C103	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C104	1-124-589-11	ELECT	47MF	20%	16V
C105	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C106	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C107	1-136-161-00	FILM	0.047MF	5%	50V
C108	1-136-161-00	FILM	0.047MF	5%	50V
C109	1-126-157-11	ELECT	10MF	20%	16V
C110	1-126-157-11	ELECT	10MF	20%	16V
C111	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C201	1-126-157-11	ELECT	10MF	20%	16V
C202	1-126-157-11	ELECT	10MF	20%	16V
C203	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C204	1-124-589-11	ELECT	47MF	20%	16V
C205	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C206	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C207	1-136-161-00	FILM	0.047MF	5%	50V
C208	1-136-161-00	FILM	0.047MF	5%	50V
C209	1-126-157-11	ELECT	10MF	20%	16V
C210	1-126-157-11	ELECT	10MF	20%	16V
C211	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C302	1-126-101-11	ELECT	100MF	20%	16V
C303	1-126-101-11	ELECT	100MF	20%	16V
C304	1-124-589-11	ELECT	47MF	20%	16V
C305	1-136-157-00	FILM	0.022MF	5%	50V
C306	1-124-499-11	ELECT	1MF	20%	50V
C307	1-124-963-11	ELECT	33MF	20%	16V
C308	**1-130-843-00**	FILM	**0.1MF**	5%	50V
C309	**1-123-382-00**	ELECT	**3.3MF**	20%	50V
C310	1-136-157-00	FILM	0.022MF	5%	50V
C311	1-124-589-11	ELECT	47MF	20%	16V
C315	1-136-153-00	FILM	0.01MF	5%	50V

Ref.No.	Part No.	Description			
C317	1-130-475-00	FILM	0.0022MF	5%	50V
C318	1-136-153-00	FILM	0.01MF	5%	50V
C319	1-126-101-11	ELECT	100MF	20%	16V
C320	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C321	1-136-837-11	FILM	0.12MF	5%	50V
C322	1-126-176-11	ELECT	220MF	20%	10V
C323	1-126-176-11	ELECT	220MF	20%	10V
C324	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C325	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C326	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C327	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C328	1-163-135-00	CERAMIC CHIP	560PF	5%	50V
C329	1-163-135-00	CERAMIC CHIP	560PF	5%	50V
C330	1-136-837-11	FILM	0.12MF	5%	50V
C331	1-124-360-00	ELECT	1000MF	20%	16V
C332	1-124-360-00	ELECT	1000MF	20%	16V
C333	1-136-162-00	FILM	0.056MF	5%	50V
C334	1-124-902-00	ELECT	0.47MF	20%	50V
C335	1-126-980-11	ELECT	10000MF	20%	30V
C336	1-126-980-11	ELECT	10000MF	20%	30V
C337	1-136-837-11	FILM	0.12MF	5%	50V
C338	1-136-837-11	FILM	0.12MF	5%	50V
C340	1-136-153-00	FILM	0.01MF	5%	50V
C341	1-136-153-00	FILM	0.01MF	5%	50V
C342	1-124-273-00	ELECT	3.3MF	20%	50V
C343	1-136-153-00	FILM	0.01MF	5%	50V
CN301	1-569-108-11	JACK, PIN 2P (INPUT)			
CN303	1-537-251-11	TERMINAL BOARD (3P)			
CN304	1-537-252-11	TERMINAL BOARD (4P)(SPEAKER OUT)			
CN305	1-533-226-11	HOLDER, FUSE (BRAID)			
CNP305	*1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
D101	8-719-801-78	DIODE 1SS184			
D201	8-719-801-78	DIODE 1SS184			
D303	8-719-110-42	DIODE RD15ESB3			
D304	8-719-110-42	DIODE RD15ESB3			
D305	8-719-110-46	DIODE RD16ESB3			
D306	**8-719-911-19**	DIODE **1SS119**			
D307	8-719-110-02	DIODE RD7.5ESB1			
D308	8-719-110-09	DIODE RD8.2ESB3			
D309	8-719-938-11	DIODE SLP151B-60 (PROTECTOR)			
D310	8-719-979-90	DIODE GL8PG24 (POWER)			
D313	8-719-230-04	DIODE 30D4			
D314	8-719-109-92	DIODE RD6.2ESB1			

Ref.No.	Part No.	Description			
D315	8-719-110-56	DIODE RD22ESB1			
D316	8-719-801-78	DIODE 1SS184			
D317	8-719-500-41	DIODE D8LCA20			
D318	8-719-500-42	DIODE D8LCA20R			
F301	1-532-982-11	FUSE (BRADE TYPE) (AUTO FUSE)(15A)			
IC101	8-759-148-11	IC UPC1270H			
IC201	8-759-148-11	IC UPC1270H			
IC301	8-759-106-02	IC UPC4570G2			
IC302	8-759-111-68	IC UPC1237HA			
IC303	8-759-144-88	IC UPC494GS			
IC304	8-759-106-02	IC UPC4570G2			
L101	*1-428-086-11	COIL, AIR-CORE			
L201	*1-428-086-11	COIL, AIR-CORE			
L301	1-424-301-11	COIL, CHOKE 760UH			
Q103	8-729-194-57	TRANSISTOR 2SC945-P			
Q104	8-729-321-29	TRANSISTOR 2SC4385-Y			
Q105	8-729-321-26	TRANSISTOR 2SA1670-Y			
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q203	8-729-194-57	TRANSISTOR 2SC945-P			
Q204	8-729-321-29	TRANSISTOR 2SC4385-Y			
Q205	8-729-321-26	TRANSISTOR 2SA1670-Y			
Q206	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q303	8-729-230-46	TRANSISTOR 2SA1162-YG			
Q304	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q305	8-729-987-42	TRANSISTOR 2SA874			
Q306	8-729-207-68	TRANSISTOR RN2402			
Q309	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q310	8-729-207-89	TRANSISTOR 2SA1358-Y			
Q311	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q312	8-729-230-46	TRANSISTOR 2SA1162-YG			
Q313	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q314	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q315	8-729-230-46	TRANSISTOR 2SA1162-YG			
Q316	8-729-230-46	TRANSISTOR 2SA1162-YG			
Q317	8-729-321-86	TRANSISTOR 2SC3852			
Q318	8-729-321-86	TRANSISTOR 2SC3852			
Q319	8-729-822-54	TRANSISTOR 2SD1065-S			
Q320	8-729-822-54	TRANSISTOR 2SD1065-S			
R101	1-247-713-11	CARBON	1K	1%	1/4W
R102	1-216-042-00	METAL GLAZE	510	5%	1/10W
R105	1-249-417-11	CARBON MELF	1K	5%	1/5W
R106	1-215-444-00	CARBON MELF	9.1K	5%	1/5W
R108	1-215-440-00	CARBON MELF	6.2K	5%	1/5W
R109	1-249-425-11	CARBON MELF	4.7K	5%	1/5W

Ref.No.	Part No.	De
R111	1-249-426-11	CA
R112	1-215-430-00	CA
R113	1-249-437-11	CA
R114	1-215-430-00	CA
R115	1-249-437-11	CA
R116	1-215-434-00	CA
R117	1-249-426-11	CA
R118	1-215-489-00	CA
R119	1-249-417-11	CA
R120	1-249-393-11	CA
R121	1-249-393-11	CA
R122	**1-219-130-11**	RE
R123	1-216-198-00	ME
R124	1-216-206-00	ME
R125	1-216-077-00	ME
R126	1-215-857-11	ME
R127	1-215-857-11	ME
R128	1-216-113-00	ME
R129	1-216-113-00	ME
R201	1-247-713-11	CA
R202	1-216-042-00	ME
R205	1-249-417-11	CA
R206	1-215-444-00	CA
R208	1-215-440-00	CA
R209	1-249-425-11	CA
R211	1-249-426-11	CA
R212	1-215-430-00	CA
R213	1-249-437-11	CA
R214	1-215-430-00	CA
R215	1-249-437-11	CA
R216	1-215-434-00	CA
R217	1-249-426-11	CA
R218	1-215-489-00	CA
R219	1-249-417-11	CA
R220	1-249-393-11	CA
R221	1-249-393-11	CA
R222	**1-219-130-11**	RE
R223	1-216-198-00	ME
R224	1-216-206-00	ME
R225	1-216-077-00	ME
R226	1-215-857-11	ME
R227	1-215-857-11	ME
R228	1-216-113-00	ME
R229	1-216-113-00	ME
R306	1-214-860-11	ME
R307	1-214-860-11	ME

Ref.No.	Part No.	Description			
R111	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R112	1-215-430-00	CARBON MELF	2.4K	5%	1/5W
R113	1-249-437-11	CARBON MELF	47K	5%	1/5W
R114	1-215-430-00	CARBON MELF	2.4K	5%	1/5W
R115	1-249-437-11	CARBON MELF	47K	5%	1/5W
R116	1-215-434-00	CARBON MELF	3.6K	5%	1/5W
R117	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R118	1-215-489-00	CARBON MELF	680K	5%	1/5W
R119	1-249-417-11	CARBON MELF	1K	5%	1/5W
R120	1-249-393-11	CARBON	10	5%	1/4W
R121	1-249-393-11	CARBON	10	5%	1/4W
R122	**1-219-130-11**	RES,METAL PLATE	0.1X2		3W
R123	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R124	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R125	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R126	1-215-857-11	METAL OXIDE	10	5%	1W
R127	1-215-857-11	METAL OXIDE	10	5%	1W
R128	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R129	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R201	1-247-713-11	CARBON	1K	1%	1/4W
R202	1-216-042-00	METAL GLAZE	510	5%	1/10W
R205	1-249-417-11	CARBON MELF	1K	5%	1/5W
R206	1-215-444-00	CARBON MELF	9.1K	5%	1/5W
R208	1-215-440-00	CARBON MELF	6.2K	5%	1/5W
R209	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R211	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R212	1-215-430-00	CARBON MELF	2.4K	5%	1/5W
R213	1-249-437-11	CARBON MELF	47K	5%	1/5W
R214	1-215-430-00	CARBON MELF	2.4K	5%	1/5W
R215	1-249-437-11	CARBON MELF	47K	5%	1/5W
R216	1-215-434-00	CARBON MELF	3.6K	5%	1/5W
R217	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R218	1-215-489-00	CARBON MELF	680K	5%	1/5W
R219	1-249-417-11	CARBON MELF	1K	5%	1/5W
R220	1-249-393-11	CARBON	10	5%	1/4W
R221	1-249-393-11	CARBON	10	5%	1/4W
R222	**1-219-130-11**	RES,METAL PLATE	0.1X2		3W
R223	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R224	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R225	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R226	1-215-857-11	METAL OXIDE	10	5%	1W
R227	1-215-857-11	METAL OXIDE	10	5%	1W
R228	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R229	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R306	1-214-860-11	METAL OXIDE	680	1%	1/2W
R307	1-214-860-11	METAL OXIDE	680	1%	1/2W
R308	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R309	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R310	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R311	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R312	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R313	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R314	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R315	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R316	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R317	1-249-417-11	CARBON	1K	5%	1/4W
R319	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R320	1-216-208-00	METAL GLAZE	2.7K	5%	1/8W
R321	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R322	1-249-422-11	CARBON	2.7K	5%	1/4W
R323	1-249-419-11	CARBON	1.5K	5%	1/4W
R325	1-249-429-11	CARBON MELF	10K	5%	1/5W
R326	1-249-429-11	CARBON MELF	10K	5%	1/5W
R327	1-247-727-11	CARBON	10	5%	1/4W
R333	**1-215-867-00**	METAL GLAZE	470	5%	1W
R355	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R356	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R357	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R358	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R359	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R360	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R361	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R362	1-216-033-00	METAL GLAZE	220	5%	1/10W
R363	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R364	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R365	1-247-896-11	CARBON	510K	5%	1/4W
R366	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R367	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R368	1-216-092-00	METAL GLAZE	62K	5%	1/10W
R369	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R370	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R371	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R372	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R373	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R374	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R375	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R376	1-216-188-00	METAL GLAZE	390	5%	1/8W
R377	1-216-192-00	METAL GLAZE	560	5%	1/8W
R378	1-216-192-00	METAL GLAZE	560	5%	1/8W
R379	1-216-188-00	METAL GLAZE	390	5%	1/8W
R380	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R381	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R382	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R383	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R384	1-216-349-00	METAL OXIDE	1	5%	1W
R385	1-216-349-00	METAL OXIDE	1	5%	1W
R386	1-215-857-11	METAL OXIDE	10	5%	1W
R387	1-215-857-11	METAL OXIDE	10	5%	1W
R388	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R389	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
RV301	1-238-825-11	RES, VAR, CARBON 10K (SONY STD)			
RY301	1-515-766-11	RELAY			
S301	1-572-146-11	SWITCH, SLIDE (1 CH/2 CH)			
T301	1-449-864-11	TRANSFORMER, POWER			
TH301	1-800-427-00	POSISTOR			
TH302	1-808-877-11	THERMISTOR			

ACCESSORY & PACKING MATERIAL

	3-395-839-02	SCREW (DIA. 5), TAPPING
*	3-395-855-01	INDIVIDUAL CARTON
*	3-395-865-01	SHEET, PROTECTION
*	3-395-857-01	CUSHION (MAIN)
*	3-395-858-01	CUSHION (LID)
	3-750-927-11	(E, AEP).....MANUAL, INSTRUCTION
	3-750-927-21	(US,Canadian)...MANUAL, INSTRUCTION
	3-750-927-41	(E, AEP).....MANUAL, INSTRUCTION
	3-750-927-51	(E, AEP).....MANUAL, INSTRUCTION
	3-706-714-00	(E, AEP).....GROMMET

9-955-502-11

Sony Corporation
Mobile Electronics Group

English
89J0264-1
Printed in Japan
©1989.10
Published by Customer Relations and Service Group